Previous ref
9 06

1908

(Education)

File No 322-07

Serial Nos, 1-7

Later References.

P9(12)
11 (1-4)
(1-8)

GENERAL AND REVENUE SECRETARIAT

157-17
1-6

B128-5-103
B-8-17-104

Serial Nos 1-7

Part B for June 1908

SUBJECT

Appointment of a successor to Mr J Cook on his retirement, as Professor of Physics at the Central College Bangalore

To Letter 8/18 3 08 from the Dpl Offrs No 145
Recommends the appointment of Mr E P Metcalfe B Sc, as Professor of Physics in the Central College in succession to Mr J. Cook
To the Dpl Offrs 88 8 26-3-08 calls for particulars of Mr Metcalfe required for applying for the Govt Sanction
3 To the Principal, Cent Coll D.O. 8 26 3 08 Cost in the file states that Govt have selected Mr E P Metcalfe for teaching Physics at the Central College, Bangalore.
GRS 86 From the Dpl Offrs D.O. No 153 8 31-3-08 Submits the necessary particulars about Mr Metcalfe
To the Fin Secy to Govt Bl 225 8, 8-4-08 Re

From the F. A Reide No 2663 dy 5-5
-conveys the sanction of the G of I & the employment of Mr E P. Metcalfe as Prof^r of Physics at the Central College

7 To the Principal, Cent. Coll & Dy Dr of Edn
and Mr E P. Metcalfe

Sanctions the appointment of Mr Metcalfe as Prof^r of Physics at the Cent Coll., Bangalore.

G h S 11]

1907-08

GENERAL AND REVENUE SECRETARIAT

(Education)

NOTES

File No 322-07

FILL HEADING

Appointment of a successor to Mr J Cook on his retirement as Professor of Physics at the Central College, Bangalore.

From

	No	Dated	Received	
Diary No		Enclos	Spare Copies	Serial No

BRIEF ABSTRACT OF LETTER

NOTES AND ORDERS

NOTE —First sheet

GLB 0000—20 3 06

GOVERNMENT OF MYSORE

13/12

My Dear Sir,

In connection with the retirement of Mr Cook in April next, I am desired by the Dewan to request you to communicate with Professor Ramsay & Dr Travers regarding the choice of a good physics professor to take Mr Cook's place. I suppose he will be recruited to the A II or A I grade

Yours sincerely

HJ

H J Bhabha Esq MA

13

Bangalore
18th Jany 08

My dear Sir

Please refer to my DO letter of the 13th Dec 07 asking you to communicate with Professors Ramsay and Travers regarding the selection of a successor to Mr Cook The Dewan desires to know what action you have taken in the matter and I shall be obliged if you will kindly let-me have information on the point- A reply by bearer or during the Corr. of the day will much oblige

Yrs Sincy
C S Bonbasandra Iyer
(Sd)
H E Bracken Esq

4

To U-Secy with Letter dt 19/1/08

OFFICE OF
THE INSPECTOR GENERAL OF EDUCATION
IN MYSORE

Bgal 18 Jan 1908

Dear Mr Balasundaram Iyer,

Can 'very urgent' letters of this date reach me in a meeting at Mr Cotes about considering the future requirements of the Central College & the Maharaja's College. I could not reply to it at once

Before meeting to Sir W Ramsay & Dr Travers I was directed to ascertain the terms

of Gray has a lecture on which the services of Professors are engaged for the Trivandram College I wrote to Dr Mitchell before Christmas & telegraphed them on the first week of January for a reply His reply reached me on the 15th Instant These two days there have been meetings lasting three hours each about the future reorganisation of the Colleges & I have not had time to draft letters to Sir W Ramsay & Dr M W Travers These letters

are so important that the drafts
should be approved by the Durbar
I shall send them to Madras
direct this evening by the mail
train & the Durbar

Yours sincerely
H J Bhabha

15

No 938

Madras,
21st January 1908

Dear Mr Macconochie,

With regard to the appointment of a successor to Mr Cook as Professor of Physics in the Central College, I had asked Mr. Bhabha to obtain the advice of Dr Mitchell, Principal of the Trivandrum College as to the terms to be offered. Mr Bhabha has sent a copy of the reply he received from Dr Mitchell and also a draft of the letter which he proposes to send to Sir William Ramsey and Dr Travers seeking their assistance in the selection of a qualified person

The rate of pay proposed Viz , Rs 500-50-1,000 is high but by offering it we should be able to get a really first class man If the terms proposed by Mr Bhabha are approved by His Highness I shall ask Mr Bhabha to write to England by the next mail

Yours sincerely,
Sd/- V P Madhava Rao

No 943
Ens 2

Madras,
22nd January 1908

Dear Mr Bhabha,

I herewith return the papers you sent me with your D O letter of the 1st instant in regard to the appointment of a successor to Mr Cook as Professor of Physics in the Central College

The Government approve of the terms which you propose I suppose the offer to give the same terms as are given in British India is all right and that it will lead to no misunderstanding in future With regard to the rate at which furlough allowances and pension are to be paid in England it would seem to be decided by the offer aforementioned and that if British terms are offered the rate must follow those terms I would therefore suggest that the last sentence of the 1st para "leave allowances are .- in England" may be omitted

I hope you will be able to send the letter by tomorrow's mail. Please send me for record in the Secretariat a copy of the letter as finally issued

Yours sincerely,
Sd/- V P Madnava Rao

D.O. No 134

Urgent

Office of the Inspector General
of Education in Mysore
Bangalore 16th Feb

Dear Mr Balasundaram Iyer

With reference to the appointment of a Professor of Physics in place of Mr Cook Dr Travers Director of the Indian Institute of Science strongly recommends that the rules of the leave which have been sanctioned and adopted for Professors of the Institute may be adopted in the case of the Professor of Physics of the Central College It is by such a concession only that there would be a prospect of securing the services of a first rate man for the post I enclose a printed copy of rules about Professorial appointments of the Institute The long vacation of the Institute will extend from the last Wednesday in March to the first Wednesday in July, and will correspond closely with the long vacation fixed by the University from 1911 The rules of the Institute require that every Professor shall be given special leave of three months in continuation of the Christmas recess or the long vacation on half salary full pay being given for the period of recess or the long vacation This special leave for three months is to be given after the first three full years of service and to be repeated after every succeeding period of three full years of service If the Professor is placed on special duty during the period of leave a higher rate of pay will be sanctioned by the Council The Government of India grant in similar cases ½ rds of the pay Besides this special leave at the end of every three years of service, no other leave is to be granted except leave on Medical Certificate which

which should not exceed one year at a time or two years in all during the entire period of service

I recommend that the same rules of leave and leave pay may be adopted in the case of the Science Professors of the Central College. They will enable the Professor to remain in touch with the latest advances of Science in Europe and make his teaching up to date

If Government approve of this suggestion, I request that it may be sanctioned at the earliest convenience of Government so that Sir William Ramsay and Dr Travers may be informed of the new rules of leave and leave pay to facilitate their work of selecting a good professor in time

Yours Sincerely

H J Bhabha

Inspector General

To

C S Balasundaram Iyer Esq B A

Officiating Secretary to Government

General & Revenue Department

Bangalore

18

OFFICE OF
THE INSPECTOR GENERAL OF EDUCATION
IN MYSORE

B gal. 24" 26 7 1908

Dear Sir

With reference to your D.O. of the 22nd instant I beg to send you a copy of my letter to Prof. Sir Williams

Ramsay and Gilbert
& Travers regarding
the selection of a
Professor of Physics
for the Central College

I am sorry I
was not able to
send a copy of
the letter to you
on Saturday as

I had some to
Madras

Yours Sincerely

H V Bhabha

K Mathai Esq BA

No 5866-7 Urgent
1023.

Office of the Inspector General of Education

in Mysore Bangalore 13 January 1908

To (1) Prof. Sir William Ramsay K.C.B. LL.D. D.C.L. Ph.D. F.R.S. Professor of Chemistry, University College, London

(2) Dr Morris W Travers Dsc, F R S

Director of the Indian Institute of Science

c/o Messrs Tata Sons & Co

Bombay

Sir

I am directed to inform you that the chair of Professor of Physics in the Central College Bangalore will be vacant in the third week of April after which the College will be closed for the hot weather vacation till the 1st of June. The Government of His Highness the Maharaja of Mysore will be glad if you can kindly recommend two or three qualified candidates for the post. The new Professor will be given the same terms of pay, leave and pension as are now the officers of the Indian Educational Service under

(10

Bangalore
26th Feb 00

Dear Mr Bhabha,

In reply to your
DO letter No 134 of the
16th inst about adopting
the leave rules laid
down for the Professors
of the Indian Institute
of Science, for the new
Physics Professor of the
Central Colly, I am
desired to say that
if the proposed terms
as to leave (vide paras
6 & 7 of printed memo
relating to Professional
appointments - Indian
Institute of Science) are
likely to help the Durbar

to secure a better
class of Professor
than the ordinary
rules, Govt have no
objection to their
being substituted

Yours truly

(SD) C.S Balasundaram Jr.

Serial No

Peference- Mr Bhabha's letter regarding the application of leave rules and allowances of the Professors of the Indian Institute to science Professors of the Central College

Mr Bhabha proposes that the rules adopted in the case of the Professors of the Institute may be sanctioned to science Professors of the College for 2 reasons -

(1) That the proposed rules offer a concession that would secure the services of first rate men, and

(2) that the professors would be enabled to remain in touch with the latest advance in science in Europe and make their teaching up to date

At the outset it may be noted that Mr Bhabha assumes that the leave rules now proposed by him are more liberal than what are contained in the Service Regulations, and that those rules which are quite at variance with the ordinary rules may without inconvenience be applied to officers in permanent and pensionable employ

Mr Bhabha has not compared these special rule with the ordinary rules in the Regulation or with the European Service Leave Rules, now applied the case of certain officers mentioned in App-B- Mr Cook, Mr Tait, Mr Weir, Mr Denham &c -a concession enjoyed by officers of the Educational service in British India

For the present purpose it seems therefore sufficient if the rules proposed by Mr Bhabha are compared with the European Service Leave Rules According to the proposed rules a profes or vis-

Note—Contn sheet

Serial No

will be entitled only to 2 kinds of leave:

1) Special leave of 3 months for every 3 years' completed service and

2) Leave on medical certificate for a period of the professor's total service, not exceeding 2 years in all nor for more than one year at a time, with the further limitation that the total absence should under no circumstances exceed one year The leave allowance during special leave is one-half salary, but at what rate it is to be paid in sterling in Europe is not clear The leave allowance during leave on medical certificate, to which a professor is entitled is not specified Presumably it is also calculated at half-salary On the other hand the professor entitled to the European Service leave Rules may have the following kinds of leave

1) Privilege leave on half pay for one month for every eleven months of service, but not for more than 3 months at a time This is in some respects more advantageous than the special leave referred to but is at the same time hedged about with certain restrictions

This leave may be taken after 11 months of service, instead of after a period of 3 years, and may be combined with any other leave to which he may be entitled under certain conditions

The restrictions are that it can only be taken in cases of urgent necessity, and that it cannot be combined with vacation The disadvantage arising from these restrictions is more than compensated by the privilege of combined vacation

with

Note—Contn sheet

Serial No

with furlough as special leave provided the total period of absence is not less than 6 months

2) Furlough The extent of ½ of active service for a period of 2 years at a time at intervals of 8 years except on medical grounds when the period will be 3 years and 6 years in all ~~at intervals of 8 years~~

This concession will be denied by the adoption of the new rules The maximum period of long leave that may be taken is one year at a time and 2 years in all, only on production of a medical certificate

3) Special leave on urgent private affairs for a period of 6 months at any time subject to the condition that one can have such leave again only after putting 6 years of service and with no leave allowance

According to the proposed rules the maximum period of leave that one can take is only 3 months with the advantage that he can combine it with vacation He will have the privilege of taking this leave every 3 years

This latter is certainly a concession which cannot be had under the European Service Leave Rules except when furlough is taken on medical grounds

It will at once be clear that a professor under the European Service Leave Rules cannot ordinarily take long leave before 6 or 8 years and cannot have more than 3 months holiday to Europe every 3 years except on medical grounds

On the other hand these rules afford an European professor ample opportunities to go home for

Note—Contd sheet

Serial No

for sufficiently long periods and post himself with the latest up-to-date information on scientific subjects It is doubtful whether Ir Veir and other officers now entitled to leaveunder these latter rules would if asked prefer the proposed rules

The leave allowance during furlough and special leave is half average salary instead of half salary, payable in Europe at the privileged rate of 1s 6d instead of the market rate This will add about 12½ per cent to the leave allowances As regards the allowances of an officer when placed on special duty in Europe during leave, the British Rules are practicall being applied, and an article in the Mysore Regulations corresponding to those rules may perhaps be introduced

On the whole it seems that the European Service Leave Rules are more favorable to an officer coming from Europe, and these rules will afford him sufficient scope for visits to European countries either on grounds of ill health or for improving knowledge

Even if it be otherwise, it is a point for consideration whether the proposed rules which are adopted specially in the case of professors of the Indian Institute, and which are different from the ordinary rules applicable to educational officers ~~in season~~ in British India should be adopted in Mysore in the case of a special class of officers in the Science Professors - There would ordinarily be no difficulty or inconvenience if the Professors are engaged on special contracts as regards rate of pay,

Note—Contn sheet

allowances, pension &c when any set of leave rules that may be found suitable in their case may be adopted Presumably the Science Professors of the college will be borne on the permanent and pensionable establishment, subject to the ordinary rules in the Home Regulations, except that a special exemption in regard to leave rules is proposed. It is not also quite clear whether the balance of advantage is all on the side of the proposed leave rules

181
18 2 od

The suggested leave ~~to~~ rules are not more advantageous on the whole than the existing leave rules*, though they would permit of 3 months leave being taken in continuation of the vacation without a medical certificate The only question is whether it is desirable to depart from the ordinary rules in the case of a single Officer who will ~~not~~ be in other respects as regards pensions under the ordinary rules of the M&

* Which are the same as are applicable to Northern Indian Officers of the Educational service

If the Officer is to be on a special contract in all respects as regards pay, pension, leave & leave allowances, there would be no objection to ~~the~~ adopting the suggestions made If this is approved

19

rieve f ab to date on w/e do of his India ay, and to give a
report of h w he was eng t his time t the end of the period
[illegible] Ideally we get a man thoroughly well trained in
[illegible] we may be necessary to look outside both and
Cambridge for a qualified man in Edinburgh or Glasgow but
are however the best judge of where the most suitable
Professor's services can be obtained He would in addition
to the above qualifications be an elder test if this subject
should have a leave for tenure by natives of India

The new Professor will be on probation for a period of
five years at the end of which period it will be open to the
Governors or the Professor to terminate the contract

A single First Class passage to Bangalore will be paid
at the commencement of the service and also at the end of
the first five years' service if the contract is terminated
by either party then

In order that the requirements of the new Regulations of the
Madras University new laboratories and lecture rooms will be
shortly built and the help and advice of the new Professor
will be required for making the most suitable arrangements for
accomodation as well as for equipping the laboratories

Serial No

a suitable memo will be drawn up ~~in due course~~ *Submitted

~~Dewan through Committee~~ CSB 9/2

The pension rules ~~are~~ of the British Indian Govt Service are the same as our rules - the maxm pension admissible after 25 years' qualifying service is 5000 Rs a year*. A special concession as regards persons entering service after the age of 25 is ~~found~~ given in art 403 Civil Service Regns - a provision corresponding to which is not found in our Regns The pension is also payable in England at 1s 9d the rupee (art 934 CSR) The length of service for voluntary retirement is 30 years, just as in our regulations

Dewan through Committee) CSB 9/2

except in the case of Directors of Public Instn Bombay where the maxm is 6000 Rs a year

C 637/1908

Mr Khaleka's appl is as regards leave & leave allowances in the case of the Special Progs of Physics & the employed in

Recession

Serial No

succession to Mr Cook. His proposals in this behalf seem suitable & may be approved.

The salary I understand will be to 500/- 50 - 1000 -

It will be a Special Engagement with the individual selected - The Service Regulations will not apply. Sd/ 22 Feb 08

I concur with the 1st Councillor The proposed leave rules are simpler than those contained in the M S Regulations

HHR
22/2/08

Dewan

8111
22 Feb 08

Sd
22/2

G I B 50 00017 – 3 07

G R S 12]
General and Revenue Secretariat | File No of 190

Serial No

(18

No 1005/17dle

Bangalore
25th February 1908

Dear Mr Macnoe

Please refer to your D O letter No 86 of the 22nd January 1908 conveying His Highness' approval to the action proposed to be taken in the matter of securing a successor to Mr Cook and of the terms which Mr Bhabha proposed to offer It was then proposed to give to the new Professor the same terms as regards leave, as are given to officers of the Indian Educational Service recruited in England by the Secretary of State for India

Mr Bhabha in his D O letter of the 16th February says that Dr Travers strongly recommends that the leave rules may be the same as for Professors of the Indian Institute of Science as given in paras 6 & 7 of th

printed rules

As the engagement is in all respects a special one I do not see any objection to these rules being adopted if Dr Travers thinks that it is necessary to do so in order to obtain the services of a first rate man.

Kindly obtain His Highness' orders on the point as early as convenient and let me know

Yours sincerely
M Gandhi

(18

G R S 12]
General and Revenue
Secretariat

File No of 190

Serial No

Bangalore
26 2 [illegible]

Do 96/16

Dear Mr Madhava Rao

His Highness desires me to say that if the proposed terms are likely to get us a better class of man than the ordinary ones, he has no objection to them being substituted.

Yours sincerely
V Nagendra Rao

Addl – Contn sheet

GPB 50 00017 – 3 07

Serial No

D o letter No 145 dy 18 march od from
I Gr of 1907

Recommends the appointment of
Mr E-P- Metcalfe BSc as Professor
of Physics in the Central College in
Succession to Mr Cook

In the letter Mr Bhabha
states that Sir William Ramsay
strongly recommends Mr E P Metcalfe
for the Physics Professorship The
qualifications of the candidate are
given in the enclosure to the D o letter

The terms of appointment will
be as follows -

1) Pay 500 - 50 - 1000 Rs
2) Appointment to be in the
first instance on probation
for 5 years at the end of which
period it will be open to Govt or
to the Professor to terminate the contract
3) A single 1st class passage to
be paid to Bangalore at commence
ment of service & also at the
end of the 1st five years' service
if the contract is terminated
by either party then
4) Leave rules probably to
be the same as those laid down for

GPB- 000017-3 07

Serial No

professors of the Research Institute

5) Pension, rate of payment of leave allowances, ^ pension in England to be on the same terms as ~~the~~ for officers of the Indian Educational Service.

Mr Metcalfe is said to be preparing for the D Sc degree & wishes to join in Nov^r ~~2~~ next

Mr Bhabha recommends that this may be approved^x & that local arrangements may be made for physics teaching till then

Mr Bhabha also recommends that Mr Metcalfe should be asked to visit certain laboratories ~~for~~ paying actual travelling expenses, but D^r Travers does not seem to think this necessary

If Mr Metcalfe's appointment is approved & if he is to join in Nov^r next, local arrangements ^ ad interim may be made after consulting Mr Cook also

Dewan through Comptroller) CAB 20/3/08

C 289

C664/20 3 08

Mr Metcalfe's selection may be approved

x (D^r Travers also of this opinion)

Note—Cor ti sl eet

G R S 12]
General and Revenue Secretariat

File No of 190

Serial No

Approved & he may be requested
to join in Nov- as proposed by Dr
Travers & Sir W Ramsay
Thos Lodge

I concur

H H M
20/3/08

Submit to Dewan

C S B
20/3

Form—Contract

G I B 0 00017—3 07

Submitted to His Highness

I submit for orders the papers regarding the appointment of a successor to Mr Cook as Professor of Physics in the Central College

The person selected by Sir William Ramsay is Mr F P Metcalfe, B Sc (London) Dr Travers also considers that Mr Metcalfe is well qualified for the post and that he may be appointed Professor of Physics in the Central College Mr Metcalfe's qualifications are fully explained in Mr Bhabha's letter The selection appears to be in every way suitable and Mr Metcalfe's appointment on the terms already approved by His Highness may be sanctioned

A

Mr Metcalfe has requested that, with a view to enable him to obtain the D Sc degree of London and to complete his First year's work as Research scholar (for which he gets a scholarship of £ 150), he may be permitted to join his appointment in the first week of November Mr Bhabha recommends that this may be allowed and that

acting arrangements similar to those made when Mr Cook went on furlough in 1902 may be made for the Physics teaching in the Central College until Mr Metcalfe's arrival This may be approved

Mr Bhabha also recommends that Mr Metcalfe should be permitted to visit the Chief Physical Laboratories of Great Britain at Government expense Dr Travers does not however think that this is very necessary This proposal may be disallowed

22/5/08

Record of Cases submitted for the Orders of His Highness the Maharaja

223/08
734

Subject

Appointment of Mr F P Metcalfe B Sc (London) to officiate as Professor of Physics in the Central College

729

700
24/3/08

Order

Approved

~~KRW~~

23/3/08

Secy to Govt
25/3/08

25/3/08

24/3/08

for progress teaching till the end of the year

GB
25/3/08

1) Put up letter to Resy re appttg Mr Metcalfe setting particulars required for fasten from Mr Bhabha where the same is not available in the letters in the file

2) Put up letter to Principal central college asking what arrangements he would propose

G R S 12]
General and Revenue
Secretariat

Govt File No 322 of 1907-08

Serial No

1) Draft D O to Mr Bhatia asking for particulars about Mr Metcalfe is submitted -

2) A draft letter to Mr Cook is also put up

Issue C.B. 26/3/08

Viewing 25/3/08

2 To the Govt of India in Empire D.O dt 26/3/08

Calls for particulars of Mr Metcalfe required for applying for the Govt of India Sanction to his appointment and states that Mr Metcalfe may be informed that the Govt of Empire have approved of his appointment subject to the Sanction of the Govt of India and that they have no objection to his joining his duties in November 1908

NOTE—Contn sheet

GPB—500CC—5-07

G R S 12]
General and Revenue Secretariat

Govt File No 322 of 1907-08

Serial No	
3	To the Principal, Central College. D.O dt 26/3/08 States that Govt have selected Mr. G. P. Metcalfe for teaching Physics in the Central College and they expect him to join his duties in November 1908 and ~~Calls for proposals for~~ Requests him to Suggest temporary arrangements for the teaching of Physics till then
4	From the Dept of Edn. D.O No 153 dt 31/3/08 Submits all the necessary particulars about Mr. Metcalfe and states that he has written to Prof Ramsay about the appointment of Mr. Metcalfe Subd with a draft to the Residency applying for the Sanction of the Govt of India JB 4/4/08. Issue CSB 4/4

Trans'd 4/4/08

Note—Continued sheet

GLB—0100—17-3-07

G R S 12]
General and Revenue Secretariat

File No 322 of 1907-08

Serial No 6

From The First Asstt to the Hon'ble the Resident in Mysore

No 2463 dt 5/5/08

conveys the sanction of the Govt of India to the employment of Mr E P Metcalfe as Professor of Physics, Central College on probation for 5 years and on a Salary of 500-50-1000.

The previous papers are before the Secretary.

KS 12/5/08

KM SNG 11/5/08

Sd to Secretary with the previous papers

MM 14/5/08 Put up draft order sanctioning admn sanction

Draft order read as

Notified Sd Please issue the draft as

KM SNG 19/5/08

CSB 15/5 KM SNG

NOTE—Contin sheet

CPB 50 000—17 3-07

Serial No

indicated by me and resubmit

10/5/08

Draft Revised and Submitted hereby

Hm 20/5/08

The Penal, have rules which are made applicable in Mr Metcalfe's case have not found a place in the terms of his appointment sent to the Resy Govt mention is also made regarding his pension, &c -

~~Letter has been received~~

I to completely specify the terms of the contract I have added in that Memo, subject to approval his rate of P/a will be as in Govt Order supra -

18
22/5/08

Please submit a fair draft as revised by me

Hm 22/5/08

Fair Draft Submitted

23
30/5/08

Hm 29/5/08

Submitted to Govt this 1st June

The draft may be approved - Govt

Jam

C 724
1-6-08

Note—Contn sheet

8.75

G R S 12]
General and Revenue Secretariat

Edn File No 322 of 190 7

Serial No	
	I am not sure that anything need be said now about Leave (vide VI in the draft) in view of the present rule of leave for 5 years (vide I of the draft)
	Put up Mr Hallward's
	Q 233 — 2
	J Sinclair 6.6.08
1	To the Principal Central college Bangalore, Dy Sec, Comptroller of Mr C B Metcalfe through the Dy Sec no 1290 S-88-12/6/08 Sanctions the appointment of Mr C B. Metcalfe B Sc as Professor of Physics &c in the Central College Bangalore on the terms stated

Note—Contn sheet

GPB— 0 100—17 3 07

Urgent and Confidential (1)

Off of H Inspector Genl of Educal in Mysore
Bangalore 18th March 1908

No 143
Ed 322-07
D 7046

Dear Mr Balasundaram Iyer

I have received a reply from Sir Wm Ramsay regarding the appointment of a suitable Professor of Physics in the Central College on Mr Coates retirement. After many inquiries he has selected M E P Metcalfe B Sc (London) I enclose a copy of Sir R Ramsays letter and also a copy of Mr Metcalfes letter to Sir William in which he gives details of his University career Sir William Ramsay thinks Mr Metcalfe will be able to do credit to the Central College & is that the Mysore Government will not regret appointing him He has been doing research work since he graduated in 1904 with Mr Cuthbertson who is a very distinguished Physicist, and latterly in the Cavendish Laboratory at Cambridge under Professor J J Thomson Sir W Ramsay thinks his desire to continue

research work will be permanent especially in association with Dr Travers whom he knows

Dr Travers, Director of the Indian Institute of Science who has seen all the papers thinks very highly of Mr Metcalfe, and strongly recommends that he may be appointed on the terms mentioned in my letter to Sir W. Ramsay of 18th January 1908 and approved by Government The terms are the same as those that are given to members of the Indian Educational Service with this difference that the Leave rules made for Professors of the Indian Institute of Science will probably be made applicable to Mr Metcalfe

I shall briefly mention the chief points in Mr Metcalfes University career He was born in 1880 at Rajahmundry where his father Mr E P Metcalfe was highly popular as Principal of the Government College Mr Metcalfe junior matriculated in 1898 at London in the first division and in 1900 passed the Intermediate B Sc with honours in Physics

In 1901 he joined University college as an external student under the new Regulations and took courses in Pure and Applied mathematics and Astronomy under Professors Hill and Karl Pearson and in Physics under Professors Callendar Hamilton and Porter He graduated B Sc in 1904 with First-Class Honours in Physics He was known to have stood first in the First-Class which is alphabetically arranged Since 1904 he has been engaged with Mr Cuthbertson in research work and papers on their researches have been read before the Royal Society and published by the Society Last year Mr Metcalfe was selected as "1851 Exhibition Research Scholar" This scholarship of £150, tenable for two years, and a special grant from Emmanuel College have enabled him to work in the Cavendish Laboratory at Cambridge under Professor Thomson At Cambridge he has also been studying Meteorology which will be of great use to the Mysore Government for Mr Metcalfe like Mr Cook is to supervise the work of the Observatory at Bangalore He has acted for a time as Demonstrator at the East London College It will be seen that

he

he has had sufficiently long laboratory practice on modern lines during a period of five years of post graduate research which is a great recommendation.

Mr Metcalfe is in hopes of obtaining the D Sc degree of London, also the Honours B A Degree of Cambridge, if he can be permitted to join duty in the first week of November Mr Metcalfe may also continue to attend lectures in Meteorology at Cambridge which may be supplemented by visits to Kew If Mr Metcalfe leaves England before completing the first years work as Research Scholar, he may have to refund the Scholarship of £ 150 which he has already drawn Mr Metcalfe senior, whom I knew in India, requests that, for all the above reasons his son may be permitted to join service early in November He also suggests that His Highness' Government may be pleased to grant the actual expenses of visiting the laboratories of Edinburgh, Glasgow, Newcastle, Manchester, Birmingham etc before he leaves England These visits will be of use to him in organising the new laboratories here Dr Travers is of opinion that it would be advisable to let Mr Metcalfe complete

his

his first years work as Research scholar at Cambridge and also to take his D Sc degree He does not think the mode of laboratory very important I see no reason however that he may be permitted to visit the chief laboratories and the actual cost of travelling which will not come to much paid to him

Last year Mr Cook took sick leave for six months in 1902 his work was divided between Mr Vyayaraghavachar Mr Venkatanarayanappa and Mr Venkatesachar The last named lecturer was appointed at first during Mr Cooks temporary absence only but on Mr Cooks return he asked that Mr Venkatesachar might be permanently employed There should be no difficulty in arranging for the carrying on of Mr Cooks work with the help of the three lecturers who must have all improved since 1902

Under the above circumstances I recommend that Mr E P Metcalfe B Sc (London) may be appointed Professor of Physics in the Central College, on Rs 500 50 Rs 1000 in place

F

of Mr. Cook and permitted to join service in the first week of November and that he may be granted actual travelling expenses for the purpose of visiting the Chief Physical laboratories of Great Britain before leaving England. I hope, on Mr. Cook's departure, arrangements will be made to fill the post of Principal permanently. I have ascertained that the delay in the coming of the new Professor will cause no inconvenience as the Forest Intermediate class will have roughly five terms instead of four in which to prepare themselves for the Examination. from January 1909 to April 1911

Yours Sincerely

H J Bhabha
Inspector General

To

C S Balasundaram Iyer Esq B A
Officiating Secretary to Government
General and Revenue Department,
Bangalore

University of London

University College

Gower Street London

19th February 1908

Dear Mr Bhabha

I have been making inquiries about possible candidates for the Chair of Physics at the Central College Bangalore I find it impossible to persuade senior men to accept the post They look forward to a career in England I have inquired at Cambridge Oxford Manchester and London A very likely and good man is Mr Rankine Demonstrator here who gets an excellent reputation as a teacher from my son one of his pupils But he has refused I have sounded several others with the same result All wish to wait for prospective positions in England

I have however finally found a suitable man who is an 1851 Exhibition Scholar he is at present at Cambridge working with Professor J J Thomson who will testify to his merits

You will see from his letter to me which I enclose

what his career has been He is an "Indian" himself by birth, and his father occupied a distinguished post in the Madras Presidency

I have known Mr Metcalfe chiefly in connection with Mr Cuthbertson, who is one of my intimate friends Mr Cuthbertson has the highest opinion of Mr Metcalfe's powers He is a remarkably pleasant man, Moreover, he is sure to get on well with his Colleagues and his students He possesses what you should look out for, a strong wish to continue research I think that that desire will be permanent, and that in association with Dr Travers, whom he knows, he will be able to do credit to the College

There are others to whom I might have sent your documents but Mr Metcalfe is, I think, the most promising If you wish, I could communicate with others, but to save time I send you Mr Metcalfe's application for you to consider Sending round the documents takes time, and perhaps that is an object to you I am sure that if you appoint him you will have no reason to regret your decision He will do you credit

Believe me,

Yours sincerely,

(sd) William Ramsay

Warkworth Street, Cambridge

18 February 1903.

Dear Sir William Ramsay

With reference to the Mysore educational vacancy I shall be happy to offer myself as a candidate for the post of Professor of Physics in the Central College, Bangalore.

A few details of my history may prove useful to you and to Mr Bhatha in making your final choice of a suitable man.

I was born in 1883 at Rajahmundry on the Godaveri. My father was the Principal of the Government College there and is very well known in educational circles in the Madras Presidency. Thus I have naturally grown up with some knowledge of and sympathy with the people of India.

In 1887 I came to England and began my education at Brighton, joining in due course the Science College there in order to study elementary physics and chemistry.

In 1893 I passed the London Matriculation examinatio

in the first division and in 1900 the Intermediate B Sc with honours in Physics

In 1901 I joined the University College, London, and took courses in Pure and Applied Mathematics and Astronomy under Profs Hill and Karl Pearson and in Physics under Professors Callendar, Frouton and Porter

As an undergraduate I was successful in obtaining Clothworkers' Scholarship for Physics and the Senior Prize in that subject

I graduated, after the period of 3 years necessary to qualify as an Internal Student of the University, in 1904, with first class honours in Physics.

Since then I have been engaged with Mr Cuthbertson, on researches connected with the optical properties of gases and vapours We have published some of our results in the Philosophical Transactions of the Royal Society and two further papers have been lately communicated and will be read on the 20th of this month Last year I was so fortunate as to be elected to an "1851 Exhibition Research Scholarship" and to receive a special grant from Emmanuel College, Cambridge. and by this means was enabled to work in the Cavendish Laboratory under Prof J J Thomson on certain corresponding electrical properties of gases and vapours whose optical refractivities

my colleague and I have already investigated I am also devoting some attention to Meteorology At intervals during my post graduate work in London I was occasionally engaged in private tuition at University College and acted for a period as Demonstrator at the East London College

Thus I have I think had considerable opportunity of becoming familiar with modern methods of laboratory practice

My enthusiasm for my subject is perhaps sufficiently indicated by my original intention of devoting five years to post graduate research and study before seeking a salaried position

This intention I am now willing to relinquish if by so doing I may follow my father's example in India

I should nevertheless be rather sorry to give up the research I have now in hand - the results of which I am hoping to embody in a thesis for the London doctorate

But perhaps in the event of my candidature proving successful there might be an opportunity of continuing it either in India or on the occasion of my first "long leave

Should any further testimony as to my professional capability seem desirable I have no doubt that Prof Irouton

will very kindly furnish it

I should desire, in conclusion to express again my warm thanks to you for having given me the opportunity of becoming a candidate for this post, - not the least of the advantages of which is, undoubtedly, the proximity of Professor Travers and the Data Institute

Yours very faithfully,

(Sd.) Edward Parr Metcalfe

G.R.S 26]

File No

Serial No 2

Diary No of letter replied to

No 9726

8 26 3 08

General and Revenue Secretariat

( )

the 190

Date of issue 26 3 08

Signed by

To

Dear Sir,

With Reference to your D.O No 145 of the 10th Instant, I am desired to Request you to kindly furnish all the information required in the accompanying form about Mr Metcalfe B.Sc (London), ~~who~~ to enable the Govt to apply for the Sanction of the

over

SUBJECT

Govt of India. To his Commissioner
in the Durban Service
appointment as Professor
of Physics in the Natal
College. You may inform Mr Metcalfe that
subject to the approval
of the Govt of India they
the Durban have approved of his appointment
& that they have no
objection to his
joining his duties
early in Nov next
A formal order will be issued
As to the suggestion that
he should visit certain
laboratories, it is
expensive for cases
of opium that
deputation is not necessary

C&B
SD 25/3
SD
25/3/08
after the sanction of the Govt of India is received

Yrs truly
25.3.08

H. J. Bhabha Esq, M.A.

Dept of Education

List of enclosures

Copied by KR 26/3

Examined by AH 26/3

GPB—3000—1 07

OFFICE OF
THE INSPECTOR GENERAL OF EDUCATION
IN MYSORE

No 153 Bangalore 31st March 1908

Edn 322-07

Dear Mr Balasundaram Iyer

With reference to your D.O. letter of March 26th I beg to enclose the printed form containing all the necessary items of information regarding Mr Metcalfe required for applying for the sanction of the Govt of India for his appointment.

I have written

today to Sir William Ramsay
announcing him that Mr.
Metcalfe has been appointed
and permitted to join
duty in the beginning
of November or earlier
if convenient to him

I have also in-
formed him that
the deputation of Mr
Metcalfe to visit the
principal laboratories

I Great Britain
Not necessary

Yours Sincerely

H J Bhabha
Inspector General

To

C S Bolasundaram Esqr Secy BE
Officiating Secretary to Govt
Com & Res Department
Bangalore

G R S 26]

File No
Serial No

Diary No of letter replied to

Bal No 825
Gen-1

General and Revenue Secretariat

(

the 190

To The First Asst Resident in Mysore

Date of issue 8-4-05

Signed by
Mr CS Balasundaramayya

Sir,

I am directed to State that the Durbar propose to ~~employ Mr Edward~~ engage the Services of an ~~European~~ Englishman named ~~Mr~~ Edward Parr Metcalfe BSc (London) as Professor of Physics in the Central College, Bangalore in the place

SUBJECT

of Mr. J Cook, who ~~has been~~
~~ordered to be Retired~~ with
effect from the 23rd April 1908
and to Request the favor of
your ~~kindly~~ obtaining the
Sanction of the Govt of India
to his employment on the
terms mentioned in the
accompanying Statement

I am to add that
Mr. Metcalfe's appointment
will be on probation for
5 years and that he will
be given a Single first class
passage from England to
Bangalore. at the commencement
of his Service and also at the
end of the 5 years Service
if the Contract is terminated
by either party then Mr.

List of enclosures
One 97/1/8

Copied by

Examined by

1 G.G.P.B—30 000—16 2 05

1289

G\R S 27]

GENERAL AND REVENUE SECRETARIAT

(Continuation Sheet if* form)

Meetcalfe is expected to form Cabinet under the Dunbar ~~[illegible] the 2nd~~ on November ~~2nd~~ 1908.

I have etc

CBB

BB 4/4/08 Secty

4/4/08

him 4/4/08

CofOKR 7/4/08

AH/14

MGCPB—30 000—3 10

R.O 1C 7 ..

Particulars of information to accompany the application by the Durbar for the ction of the Government of India regarding any European other than an official in the service of Government in British India whom it is proposed to employ in the Mysore State

1 Name	Edward Pam Metcalfe
2 Age	Born in 1880 at Rajahmundry in the Godavery District
Nationality	Born of English parents in India
4 Nature of proposed employment	Professorship of Physics in the Central College Bangalore
5 Qualifications	BS 1904 (London) as an External Student — 1st Class Honours in Physics After graduation engaged on researches connected with the optical properties of gases & vapours Elected in 1907 an 1851 Exhibitioner on Research Scholar Receives a special grant from Emmanuel Coll Cambridge Is now working in the Cavendish Laboratory at Cambridge under Prof JJ Thomson Is also studying Meteorology
6 Proposed salary and pension if any	Rs 500 rising to R 1000 by annual increments of Rs 50 The service is pensionable under the Mysore Service Regulations
7 Previous employment and salary	Occasionally engaged in private tuition and University College and acted for a period as Demonstrator at the East London College Salary not known
8 Pension if any received from the British Government	None
9 References if any	References 1 Sir William Ramsay KCB FRS Professor of Chemistry University College London
10 Remarks	

MYSORE GOVT GEN & REV SECTT

BANGALORE, THE 190

C8B 4/4

Secretary to the Government of
H H the Maharaja of Mysore
General and Revenue Dept

Compd 11/7/14

L.G.C.P.E.—100—23.2.05

Pol 1570
Dy 5-5-08

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&
575

No 2463

D 8275

From

F P RENNIE Esq I C S
FIRST ASSISTANT TO THE RESIDENT IN MYSORE

To

Gen Secy-07
Sl-6

The Dewan of Mysore

Date Bangalore, 5th May 1908

Sir

I am directed to acknowledge the receipt of Mr Balasuraram Iyer's letter No 825 dated the 8th April 1908, and in reply, to convey the sanction of the Govt of India to the employment by the Mysore Durbar of Mr F P Metcalfe B Sc, (London), as Professor of Physics in the Central College, Bangalore, on probation for five years and on a salary of Rs 500/- a month rising to Rs 1000/- by annual increments of Rs 50/-

I have the honour to be,

Sir,

Your most obedient Servant,

For First Assistant Resident

G R S 28]

To view from Branch II

Confirmed
No HL 6630
U2461-77

File No 312-0
Serial No 7

Diary No of letter replied to 8275

Proceedings of the Government of His Highness the Maharaja of Mysore
R 20-6-08

GENERAL AND REVENUE SECRETARIAT
( )

READ—

the 190

Date of issue 12-6-08

Signed by Myst R.

ORDER THEREON—No 12905-8 dt 12 6 08
EDN 32207-7

The Govt of H H the Maharaja of Mysore are pleased to sanction the appointment of Mr. Edward Parr Metcalfe, B.Sc. (London) as Professor over

SUBJECT

of Physics in the Central College, Bangalore, in place of Mr. J. Cook retired on the following terms

(i) His pay will be Rs 500 Rising to Rs 1,000 by annual increments of Rs 50, but he

(ii) ~~He~~ will be appointed on probation for 5 years at the end of which period ~~he will~~ it will be open to the Govt or to Mr. Metcalfe to terminate the Contract

(iii) He will be given a Single first class passage from England to Bangalore at the Commencement of his Service and also at the end of the first 5 years of Service the Contract is terminated by either party then.

(iv) The leave Rules applicable to Mr Metcalfe will be the Same as for Professors of the

the Indian Institute of Science as in the extract appended to this order with the necessary modifications

(V). Mr. Metcalfe's Travelling allowances will be Regulated by Rules applicable to European officers in the Mysore Service and the Rates of the Travelling allowances admissible to him will be those for Std officers of classes A, B & C Respectively according as his pay for the time being is more than or less than Rs 700

(VI) If Mr. Metcalfe Continues Sufficiently long in the Service of the Durbar, he will be entitled to pension under the Mysore Service Regulations. The Rate of exchange of pension and leave allowances in England will be the Same as that fixed for Members of the

Indian Educational Service

Indian
2 Mr Metcalfe will be permitted to join his appointment
in November 1908

Secy

To The Pl. C. College
Dpl of Edn
Communicated through Pol II
Mr. G. D. Metcalfe through
the Dpl of Edn in Punjab.

Pun Copying Section

Please take copies of
memo below of the printed
rules attached for the
extract referred to in Rule
(iv) of the order.

Indian Institute of Science, Bangalore, India

PROFESSORIAL APPOINTMENTS

1 —APPOINTMENT AND TENURE OF OFFICE Appointments will be made by the Council acting on the advice of a Committee which will assemble in England and will be subject to confirmation by the Patron Appointments shall be held subject to the conditions laid down in the Regulations of the Institute and to such Bye laws as may be hereafter sanctioned in accordance with the provisions of the Regulations Under ordinary circumstances a Professor shall retire from the service of the Institute at the age of fifty five but subject to sanction by the Patron the Council shall have power to extend his service for a further period

2 —STATUS AND DUTIES OF A PROFESSOR The duties of a Professor will be such as usually attach to appointments in modern university institutions in Europe and America A Professor will not be called upon to learn any of the vernaculars of India but he will be expected to endeavour to acquaint himself with the industrial needs of India and to direct the work of his department to the improvement of Indian arts and manufactures

Every Professor will be a member of the Court of Visitor of the Council and of the Senate of the Institute

A Professor will be permitted to engage in private consulting practice to such an extent as in the opinion of the Director does not interfere with the regular and efficient discharge of his duties and under such conditions as will secure to the Institute due compensation for the use of apparatus material &c

Professor will not be permitted to accept fees for service as examiners to other institutions except in the case of examinations for the Degrees of Master of Science or Doctor of Science of the Indian Universities or for similar qualifications Professors may accept appointments to such examinerships after obtaining permission of the Council

3 —SALARY AND RETIRING ALLOWANCE The salary of a Professor at the time of his appointment will be Rs 15 000 *per annum* and after the end of the sixth year of completed service will increase by equal increments of Rs 750 to a maximum of Rs 18 750 *per annum*

A sum equivalent to ten *per cent* of each Professor s salary in addition to the salary shall be set aside annually out of the income of the Institute to accumulate at four *per cent* compound interest The capital sum so accumulated shall be payable to the Professor on his resignation provided that no monies be due by him to the Institute at the time of his resignation A Professor shall not be entitled to receive any portion of the said sum until he has completed five years service on the staff of the Institute

4 —DATE OF APPOINTMENT RETIREMENT &C A Professor s appointment shall date from the day on which acting on instructions from the Council he reports himself for duty at the Institute or at such other place as the Council may decide

The Council may grant an allowance not exceeding one half the Professor s salary from the date on which he vacates his previous appointment on appointment on the staff of the Institute, or from such later date as the Council may decide

On first appointment a Professor will be provided with a first class passage from a port of embarkation convenient to his place of residence to such port in India as the Council may select Should he resign his professorship within two years after his appointment such resignation not being due to certified ill health the Council may require him to refund the cost of his passage

A Professor shall give six months notice of intention to resign his professorship Failing such notice he shall forfeit the amount of his salary due for a period of time equivalent to the difference between six months and such notice as he may give Such notice shall date from the day at which it is received by letter or telegram addressed to the Director at the Institute

5 —RESIDENCE Each Professor will be provided with a house situated in the Grounds of the Institute and should such a house not be available he shall be entitled to draw an allowance of Rs 150 per month during the time in which he is on duty in India

6 —VACATIONS AND LEAVE The Session of the Institute will commence on the first Wednesday in July and will end on the last Wednesday in March of each year The long vacation will extend from the last Wednesday in March to the first Wednesday in July In October and at Christmas there will be recesses of a few days only

The Council may grant additional leave to a Professor which may be taken in continuation with the Christmas recess of the long vacation to the extent of three months within the first four years following a Professor s first appointment but not except in the case of application on medical certificate until the end of the third year of completed service The Council may again grant additional leave to a Professor for a period of three months under the same conditions after each further period of three years completed service A Professor who has been granted leave on medical certificate during any period of three years shall not be granted more than the balance of three months additional leave at the end of that period it shall not however affect the consideration of any application for leave at the end of a subsequent period of three years

During the period of vacation or recess a Professor shall draw his full salary and during the period of additional leave he shall draw half his salary

Professors undertaking special duty under the authority of the Council during the whole or a portion of the period of combined vacation and leave shall be permitted to draw pay and allowances on such terms and conditions as may be laid down in bye laws

7 —LEAVE ON MEDICAL CERTIFICATE Leave on medical certificate may be granted for a period of the Professors total service not exceeding two years in all or for more than one year at a time

Should a Professor fail to return to duty at the end of his leave on medical certificate or on the expiry of one year s absence from India under any circumstance he shall be considered to have vacated his appointment The Council shall forward a statement of his case to the Patron who shall make such order as he may consider necessary

(Signed) M W TRAVERS

June 20th 1907

GRS 27]

GENERAL AND REVENUE SECRETARIAT

(Continuation Sheet draft form)

(V) The pension, and the rule of payment of leave allowances of persons in England will be at the same time as for officers of the Indian Educational Service in Bombay —

1) If Mr Metcalfe 22/5/08
travelling allowances will be regulated by rules applicable to European officers in the Bombay service & the rate of T.A. admissible to him will be those for Royal officers class A II & A I according to his pay but the time being is or more than or less than 700 Rupees

VI) If Mr Metcalfe continues subsequently long in the service of the Indian he will be entitled to pension under the rules

The rate of exchange for payment of pension & leave salaries in England will be the average as that at present fixed for the Indian Educational Service in Bombay

MGC1 B—30 000—9 40

Copy

To The Principal of the Royal College of Engineers with a copy of the Comptroller's letter dated 20/5/08 regarding the leave rules for officers of the Indian Institute of Science

Copy of Secy's letter dated 20/5/08

Mr Metcalfe will be permitted to join his appointment in November 1908

The Indian Institute of Science

Four copies of the Rules for the Indian Institute of Science